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Technology Center 2600

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application

09/909,900

Filing Date

July 23, 2001

First Named

GATTI, Claudio et al.

Group Art Unit

2621

Examiner Name

Not Yet Assigned

Total Number of Pages in This Submission

15

Attorney Docket Number

00249-0099

**ENCLOSURES (check all that apply)**

Fee Transmittal Form



Fee Attached



Amendment / Response



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Response to Missing Parts/  
Incomplete ApplicationResponse to Missing Parts  
under 37 CFR 1.52 or 1.53Assignment Papers  
(for an Application)

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert a  
Provisional ApplicationPower of Attorney, Revocation  
Change of Correspondence

Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_

After Allowance Communication  
to GroupAppeal Communication to Board  
of Appeals and InterferencesAppeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please  
identify below):

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual name

ORANGE &amp; CHARI CUSTOMER NO. 27155

Signature

Date

January 4, 2002

**CERTIFICATE OF MAILING**I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: 

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Signature

Date

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O I P E J C I T T  
JAN 07 2002  
PATENT & TRADEMARK OFFICE

GAU 2621 #

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>			Docket No. <b>00249-0099</b>		
Applicant(s): <b>GATTI, Claudio et al.</b>					
Serial No. <b>09/909,900</b>	Filing Date <b>July 23, 2001</b>	Examiner <b>Not Yet Assigned</b>	Group Art Unit <b>2621</b>		
Invention: <b>Interactive Sculpting for Volumetric Exploration and Feature Extraction</b>					
<u>TO THE ASSISTANT COMMISSIONER FOR PATENTS:</u>			<b>RECEIVED</b> <b>JAN 11 2002</b> <b>Technology Center 2600</b>		
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	32 -	20 =	12 x	\$18.00	\$216.00
INDEP. CLAIMS	3 -	3 =	0 x	\$84.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$216.00</b>
<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> No additional fee is required for amendment.  <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____            A duplicate copy of this sheet is enclosed.  <input checked="" type="checkbox"/> A check in the amount of <del>\$261.00</del> <sup>\$216.00</sup> to cover the filing fee is enclosed.  <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. _____            A duplicate copy of this sheet is enclosed.  <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.  <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.         </div> <div style="text-align: right;">           Dated: <b>January 4, 2002</b> </div> </div> <div style="margin-top: 20px;"> <div style="display: flex; justify-content: space-between;"> <div> <b>Signature</b>    <b>John R.S. Orange, Reg. 29,725</b>  <b>ORANGE &amp; CHARI</b>  <b>Suite 4900, P.O. Box 190</b>  <b>66 Wellington St. W.</b>  <b>Toronto, Ontario M5K 1H6 Canada</b>  <b>Tel: 416-601-8440</b>  <b>Fax: 416-601-8454</b> </div> <div style="border: 1px solid black; padding: 5px; width: 300px;">           I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.   <div style="text-align: center; border-top: 1px solid black; margin-top: 10px;"> <b>Signature of Person Mailing Correspondence</b> </div> <div style="text-align: center; border-top: 1px solid black; margin-top: 10px;"> <b>Typed or Printed Name of Person Mailing Correspondence</b> </div> </div> </div> </div>					
CC:					

ATTORNEY DOCKET NO.: 00249-0099  
CUSTOMER NUMBER: 000027155

#3  
Pre Amdt. A

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

**RECEIVED**

**JAN 1 1 2002**

**Technology Center 2600**

In patent application of:

GATTI, Claudio et al.

Serial No.: 09/909,900

Group Art Unit: 2621

Filed: July 23, 2001

Examiner: Not Yet Assigned

Title: INTERACTIVE SCULPTING FOR VOLUMETRIC EXPLORATION AND  
FEATURE EXTRACTION

Assistant Commissioner for Patents  
Washington, D.C. 20231

**VOLUNTARY AMENDMENT**

Dear Sir:

In the Claims

Please amend originally filed independent claim 1 as given below and cancel claims 2  
and 3.

1. (amended) A system of extracting a visual feature from a volumetric dataset using an  
approximate volume, the system comprising:

- A1
- a) a display for displaying said volumetric dataset;
  - b) an input device for defining a selected number of regions distributed in the  
displayed volumetric dataset, each of the regions containing a cross section of  
said visual feature therein;
  - c) an interpolator for generating the approximate volume containing the  
selected regions, the approximate volume comprising a set of voxels selected  
from said volumetric dataset;